

STN SEARCH  
~~unfiled~~ STRATEGY 4/25/07

=> fil .bio  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.18	24.09

FULL ESTIMATED COST

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=> s (bead OR particle OR microparticle OR dynabead OR dynal OR m-270 OR m270 OR m-280 OR m280)(5a)(adsorb? OR adsorpt?)

L6 27195 (BEAD OR PARTICLE OR MICROPARTICLE OR DYNABEAD OR DYNAL OR M-270 OR M270 OR M-280 OR M280)(5A)(ADSORB? OR ADSORPT?)

=> s l6 AND (bead OR particle OR microparticle OR dynabead OR dynal OR m-270 OR m270 OR m-280 OR m280)(3a)(polystyrene OR latex)

L7 1997 L6 AND (BEAD OR PARTICLE OR MICROPARTICLE OR DYNABEAD OR DYNAL OR M-270 OR M270 OR M-280 OR M280)(3A)(POLYSTYRENE OR LATEX)

=> s l7 AND "pH"(3a)(10 OR 10.5 OR 9.6 OR 9 OR 9.5 OR high OR alkaline OR basic OR 12 OR 11 OR 11.5 OR 12.5 OR 10.0 OR 11.0 OR 12.0)

L8 60 L7 AND "PH"(3A)(10 OR 10.5 OR 9.6 OR 9 OR 9.5 OR HIGH OR ALKALINE OR BASIC OR 12 OR 11 OR 11.5 OR 12.5 OR 10.0 OR 11.0 OR 12.0)

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 46 DUP REM L8 (14 DUPLICATES REMOVED)

=> d ibib ed abs l9 1-46

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	850	(m270 m280 m-270 m-280) with (dynal dynabead)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 13:16
L2	554	l1 same magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 13:11
L3	581	l1 same streptavidin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 13:17
L4	269	l1 not l3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 13:17
L5	151	l4 and @ad<"20020807"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 14:58
L6	892	streptavidin with (polymeriz\$ crosslink\$3 cross-link\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 14:59
L7	439	streptavidin near4 (polymeriz\$ crosslink\$3 cross-link\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 15:02
L8	142	l7 same antibod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 15:15
L9	6	"5487977"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 15:16
L10	2781	indirect\$3 with streptavidin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 15:16
L11	1913	indirect\$3 with streptavidin with antibod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 15:17

## EAST Search History

L12	57	l11 same (specificity sensitivity sensitive improve\$4 better)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 15:16
L13	60	indirect\$3 with streptavidin with antibod\$3 with (captur\$3 immobiliz\$ coat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:05
L16	39	l13 and @ad<"20020807"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:11
L17	1196	indirect\$3 near4 (captur\$3 immobiliz\$ coat\$3) with (sensitiv\$3 specific\$3 improv\$4 better prefer\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:12
L18	2	"4775636".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:08
L19	1022	indirect\$3 near4 (captur\$3 immobiliz\$ coat\$3) with direct\$3 with (sensitiv\$3 specific\$3 improv\$4 better prefer\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:11
L20	348	l19 and @ad<"20010810"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:12
L21	148	indirect\$3 near4 (captur\$3 immobiliz\$ coat\$3) with (sensitiv\$3 specificity improv\$4 better prefer\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:14
L22	374	indirect\$3 near4 (captur\$3 immobiliz\$ coat\$3) same (sensitiv\$3 specificity improv\$4 better prefer\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:14
L23	84	indirect\$3 near4 (captur\$3 immobiliz\$ coat\$3) same (sensitiv\$3 specificity improv\$4 better prefer\$4) same antibod\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:38
L24	368	streptavidin near3 (bead particle microparticle ) with magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:47
L25	50	streptavidin near3 multimer\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:50

## EAST Search History

L26	19	dynal\$.as. and streptavidin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:51
L27	10	dynal\$.as. and streptavidin same (bead particle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 16:51
S4	1354	finke-a\$.in. klause-u\$.in. donie-f\$.in. herrmann-r\$.in. von-der-eltz-h\$.in. sluka-p\$.in. jona-w\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 14:49
S5	5712	S4 or roche-\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:11
S6	27	S5 and ((particle microparticle nanoparticle bead microsphere) with (protein polypeptide biomolecule streptavidin avidin biotin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 17:33
S12	8148	(adsorption adsorbed coating coated) with (polystyrene particle microparticle dynabead latex) with (streptavidin avidin protein polypeptide antibod\$3 igg gelatin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 13:09
S13	1984	S12 and (adsorpt\$ adsorb\$ coating coated incubat\$3) near3 time	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 17:36
S14	169	S12 same ((adsorpt\$ adsorb\$ coating coated incubat\$3) near3 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 17:44
S15	25	("4228237" "4329151" "4478914" "4656252" "5061640" "5175112" "5512439" "5858648" "6462809" "6638728").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 17:44
S16	3	S12 same ((adsorpt\$ adsorb\$ coating coated incubat\$3) near3 day)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 18:09
S17	2876	"9.6" same (polystyrene dynabead latex microparticle particle bead)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:31
S18	1392	S17 and polystyrene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 18:10

## EAST Search History

S19	544	S17 same (protein polypeptide streptavidin antibod\$3 avidin igg)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 18:11
S20	490	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 18:55
S21	2	"4612281".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/23 18:55
S22	96104	(crosslinking cross-linking ) near agent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:12
S23	2920	S22 same defin\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:12
S24	50	"9.6" same (( m270 m280 m-270 m-280) ((polystyrene latex ) with (microparticle particle bead dynabead)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:32
S25	112	"9.6" same (( m270 m280 m-270 m-280) ((polystyrene latex ) same (microparticle particle bead dynabead)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:51
S26	59	"4,459,361"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:48
S27	276548	(coat\$3 adsorpt\$4 adsorb\$3 immobiliz\$5 attach\$3 load\$3 mix\$3 incubat\$3) with (particle microparticle microsphere bead dynabead dynal m-270 m-280 colloid\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:50
S28	3022	S27 same ("pH" near4 ("9" "10" "11" "9.6" "12" "9.5" "10.5" "11.5" "12.5"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:53
S29	1354	S28 and ( m270 m280 m-270 m-280 polystyrene latex dynabead dynal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:53

## EAST Search History

S30	878	S29 and (protein polypeptide antibod\$3 biomolecule igg streptavidin avidin )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:52
S31	18813	S27 same (protein polypeptide antibod\$3 biomolecule igg streptavidin avidin bsa albumin)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:53
S32	480	S31 same ("pH" near3 ("9" "10" "11" "9.6" "12" "9.5" "10.5" "11.5" "12.5"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 16:53
S34	318	S32 and ( m270 m280 m-270 m-280 polystyrene styrene latex dynabead dynamal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 17:07
S35	405	"4,228,237" "4,581,333"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 17:07
S36	5	("4,228,237" "4,581,333").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 17:07